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New composition containing alkaline guanidine for humans, useful as
cosmetic for skin or hair

Patent Assignee: CHUO AEROSOL KAGAKU KK (CHUO-N)

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Patent Family:

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Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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Abstract (Basic): *JP 2002068976* A

NOVELTY - New composition applied to human skin, mucous membrane or hair comprises 0.25 to 25 w% of guanidine compound as $(\text{NH}_2)_2\text{C}=\text{NH}$, and its pH is more than 9.0.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for

(1) the composition applied for human mucous membrane, skin or hair comprising:

(a) guanidine hydroxide (0.25 to 25 w%) as $(\text{NH}_2)_2\text{C}=\text{NH}$
(b) 8-24C aliphatic alcohol (1.0 to 75 wt.%); and
(c) one or more than two substances selected from oil, resin, silicone, solvent, powdery agent, surfactant, viscosity-increasing agent, thickener, gelling agent, acid/alkaline agent, pH adjuster, ion blocking agent, stabilizer, antiseptics, colorant, flavor, nutrition and beauty enhancing agent, UV inhibitor, anti-inflammatory agent, humectant, astringent, bulking agent and water;

(2) the composition for removing useless hair comprising (1a), one or more substances (0.5 to 20 wt.%) selected from thioglycolic acid, cysteine, thioglycolamide, thioglycolic hydrazide, thioacetic acid, thioglycol, thioglycerol, thiolactic acid thiophel and alkali sulfide, and optionally (1c);

(3) the composition for decoloring hair comprising (1a) as the first agent, b) H_2O_2 (0.5 to 15 wt.%) as the second agent, and optionally (1c);

(4) the composition for skin whitening comprising:

(a) alkaline guanidine compound (0.25 to 25 w%) as the first agent;
(b) H_2O_2 (0.2 to 6 w%) as the second agent; and
(c) optionally (1c);

(5) the composition for dying hair comprising (4a), basic oxidation dye stuff (0.5 to 50 w%), and optionally (1c);

(6) the composition for fixing color of hair comprising (4a), one or more substances (0.2 to 25 wt.%) selected from pyrogallol, catechol, gallic acid, tannic acid, hematin, plant pigment derived from polyphenol and flavonol, and optionally (1c);

(7) the composition for permanent wave comprising (4a), one or more

than two substances (2 to 10 wt.%) selected from thioglycolic acid, cysteine, thioacetic acid, thioglycol, thioglycerol, thioglycolamide and thiolactic acid, and optionally (1c);

(8) the composition for human use comprising the above described composition (100 wt. portions) as crude liquid and liquid gas (5 to 100 wt. portions); and

(9) the composition for human use comprising a) the above described composition (100 volume portions) and b) compressed gas (50 to 500 volume portions).

ACTIVITY - Dermatological; Antiacne; Endocrinal.

MECHANISM OF ACTION - None given.

USE - The composition containing guanidine compound is used as pimple treatment, body shampoo, soap, hair remover, skin whitening agent, dye agent, hair decoloring agent or permanent wave.

ADVANTAGE - The composition has swelling activity, does not remain long, and does not cause any adverse effects about toxicity or environment pollution.

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Title Terms: NEW; COMPOSITION; CONTAIN; ALKALINE; GUANIDINE; HUMAN; USEFUL; COSMETIC; SKIN; HAIR

Derwent Class: B05; D21

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